

SURface Mass Balance and snow on sea ice (SUMup) Working Group meeting
Goddard Space Flight Center Sept 20-21, 2012

The goal of this working group is to improve estimates of surface mass balance over ice sheets and sea ice for improved mass balance predictions. For the inaugural meeting of this working group we will have short presentations (~5 slides) across many disciplines and ample time for discussion. This meeting will be the basis for a white paper summarizing our current knowledge and to outline some clear goals to improve SMB measurements and predictions.

Thursday September 20, 2012

Time	Event	Presenters
8:30 am	Welcome to Goddard/SUMup Goals/Meeting Goals	L. Koenig
8:45 am	Program Direction	T. Wagner
9:00 am	Modeling- Broad focus question <i>What are the strengths and weaknesses of modeled fields of surface mass balance over the ice sheets and snow accumulation on sea ice and in what regions are model's performing well? How well do we need to constrain SMB on ice sheets and snow accumulation on sea ice and on what time scales?</i>	S. Nowicki N. Schlegel M. Tedesco D. Bromwich R. Cullather J. Box A. Gardner J. Li C. Agosta J. Box –Discussion leader R. Forster-Scribe
10:30 am	Break	
10:45 am	Modeling (continued)	
11:15 am	In-situ Measurements - Broad focus question <i>Where are current field measurements and where do we need additional field measurements? Which field methodologies are proving most accurate?</i>	O. Maselli M. Albert C. Genthon C. Leuschen L. Koenig A. Rennermalm R. Forster- Discussion leader J.Box- Scribe
12:15 pm	Lunch	
1:15 pm	In-Situ (continued)	

1:45 pm	Remote Sensing – Broad focus question <i>What are the strengths and weaknesses of current remote sensing methods and in what regions are they working best?</i>	A. Marshak L. Brucker N. Kurtz D. Hall J. Munchak Y. Yang C. Chen H. Xie R. Forster L. Koenig/ N. Kurtz – Discussion leaders/scribes
2:45 pm	Break	
3:00 pm	Remote Sensing (continued)	
3:45 pm	Group Discussion	
4:30 pm	Adjourn	

Friday September 21, 2012

Time	Event	Presenters
9:00 am	Subgroup meeting and writing of white paper sections	Subgroup Leads
12:00 pm	Lunch	
1:00 pm	Full group discussion/ Summary of knowledge and future recommendations	R. Forster
2:00 pm	Discussion of future for Working Group/ Establish milestones	L. Koenig
3:00 pm	Adjourn	